KENDRIYA VIDYALAYA GACHIBOWLI, HYDERABAD
SAMPLE PAPER 02 : PERIODIC TEST – 1 (2017 – 18)
CLASS – VI
MATHEMATICS

T.T. 1:30 **M.M. 40**

General Instructions:

1. All questions are compulsory.
2. Question paper is divided into four sections: Section A contains 4 questions each carry 1 mark, Section B contains 4 questions each carry 2 marks, Section C contains 4 questions each carry 3 marks and Section D contains 4 questions each carry 4 marks.

SECTION – A(1 marks each)

1. Write the names of number 99900046 according to Indian System of Numeration.

2. Find the product of $25 \times 8358 \times 4$ by suitable rearrangement.

3. Find the HCF of 24 and 36

4. Find the number of right angles turned through by the hour hand of a clock when it goes from 12 to 9

SECTION – B(2 marks each)

5. Find the common factors of 75, 60 and 210.

6. Draw a rough sketch of a triangle ABC. Mark a point P in its interior and a point Q in its exterior. Is the point A in its exterior or in its interior?

7. How many right angles do you make if you start facing
(a) south and turn clockwise to west?
(b) north and turn anti-clockwise to east?

8. Place commas correctly and write the numerals:
(a) Seven crore fifty two lakh twenty one thousand three hundred two.
(b) Fifty eight million four hundred twenty three thousand two hundred two.

SECTION – C(3 marks each)

9. Find the difference between the greatest and the least number that can be written using the digits 6, 2, 7, 4, 3 each only once.

10. Draw a rough sketch of a quadrilateral KLMN. State,
(a) two pairs of opposite sides,
(b) two pairs of opposite angles,
(c) two pairs of adjacent sides,
(d) two pairs of adjacent angles.

11. A taxidriver filled his car petrol tank with 40 litres of petrol on Monday. The next day, he filled the tank with 50 litres of petrol. If the petrol costs Rs 44 per litre, how much did he spend in all on petrol?

12. Draw a square pyramid and write its number of faces, edges and vertices.

SECTION – D(4 marks each)

13. Find the product using suitable properties.
(a) 258 × 1008 (b) 1005 × 168

14. The traffic lights at three different road crossings change after every 48 seconds, 72 seconds and 108 seconds respectively. If they change simultaneously at 7 a.m., at what time will they change simultaneously again? Why it is recommended to stop the vehicle engine at the red light signals?

15. Find the least number which when divided by 6, 15 and 18 leave remainder 5 in each case.

16. A bus started its journey and reached different places with a speed of 60 km/hour. The journey is shown below figure.
(i) Find the total distance covered by the bus from A to D.
(ii) Find the total distance covered by the bus from D to G.